

# Trilok 平锁扣系统

## TRILOK INTERLOCKING SHINGLE

平锁扣系统在建筑上已有数百年的应用历史，这些古老的建筑，虽经岁月的洗礼，依然保持良好的防渗、低维护的性能，散发着迷人的魅力。与传统的板块不同，系统面板正面有凸边，背面有凹边，形成互锁接口。设计自由灵活，构造复杂的几何造型。

Metal shingle system has been in use for hundreds of years. By time-passings, these antique buildings are so fascinating that still stayed in water-proof and maintenance free. Different from traditional shingle, There are convex edges on the front and concave edges on the back of the shingle to form an interlocking interface. It can facilitate lots of fascinating, flexible and sophisticated architecture design.



### 系统优势

ADVANTAGES:

- 层次感强，视觉效果突出，古典风格
- 安装简便，用扣件紧固在下层结构上，无需繁杂的机械安装
- 几乎适合在任何形状的建筑表面安装，实现建筑设计的多样化
- 适用于 $\geq 30^\circ$ 坡度的屋面和墙面，通常底层支撑系统需铺设防水层。

- \* 3D Visual effect, fascinating appearance, classic style
- \* Easy assembly, install on the base layer structure by clips, no need complex mechanical work
- \* Can apply to any different shape surface, offers the architecture various shapes and appearances
- \* Appropriate to install for the roof and wall with slope angle  $\geq 30^\circ$ , normally, the water proof layer should be laid on the underneath supporting structure



# Trilok 平锁扣系统

## TRILOK INTERLOCKING SHINGLE

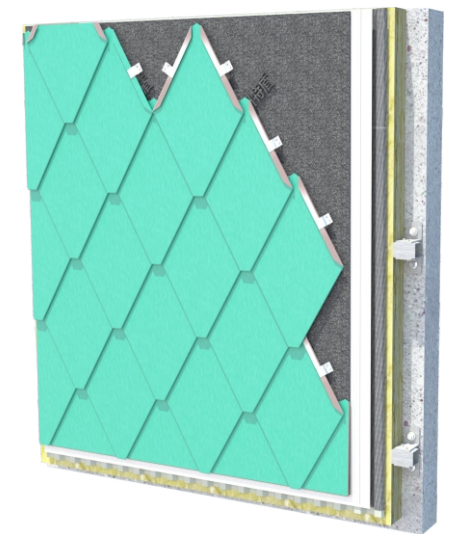


Trilok板块四周皆有180度正向或反向翻边，通过专用扣件固定于屋面或墙面结构体上，板块之间相互锁扣或挂装，施工方便，无须大型施工机具。

4 edges of the Trilok panel all with 180° forward or reverse flanging, fixed to the roofing or walling base structure by specific clips, panels was hung and interlocked adjacently, easy for installation, no need big construction equipment.

Trilok板块可满足于各种外观的建筑造型，板块的形状有：菱形、方形、矩形、六边形等选择，配合不同的材质如：铜板、钛锌板、铝板、钢板等，及各种颜色，为建筑创造无限的可能。

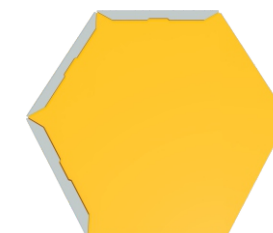
Trilok plates can facilitate construction of various of architectural shapes, multiple panel shapes can be made: diamond, square, rectangle, hexagon, etc., in different materials such as copper, titanium, zinc, aluminum, steel, etc., & with different colors to create the infinite possibilities of the architecture.



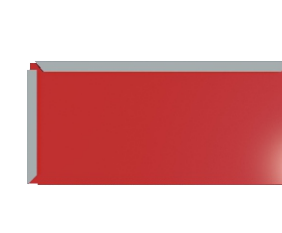
Trilok-D  
菱形  
Diamond



Trilok-F  
鱼鳞形  
Fish Scale



Trilok-H  
六边形  
Hexagon



Trilok-R  
矩形  
Rectangle



Trilok-S  
方形  
Square



## Trilok 平锁扣系统 TRILOK INTERLOCKING SHINGLE

### Trilok-R 矩形平锁扣系统

Trilok-R Rectangle Interlocking Shingle

#### 常用材料

材料: 铜板、钛锌板、铝板、钢板  
厚度: 0.4mm--0.7mm

#### Common Material

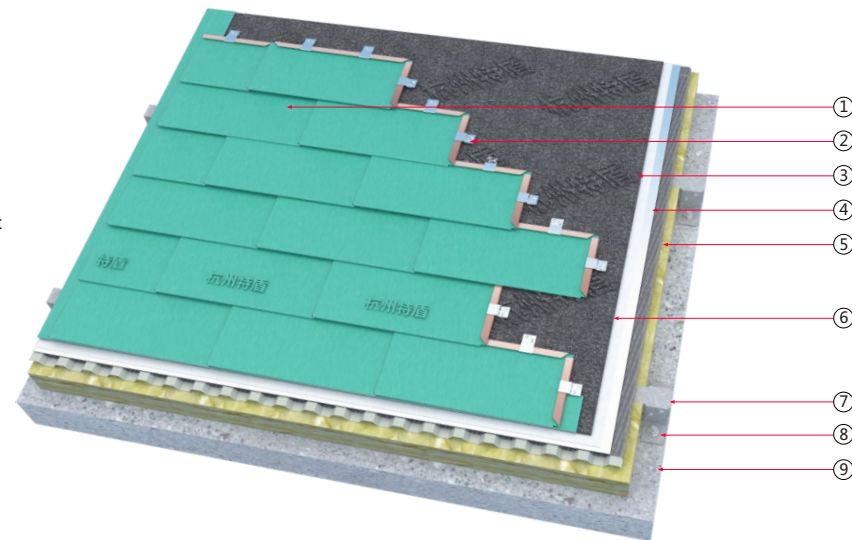
Material: Copper, Titanium Zinc, Aluminum Alloy, Steel Sheet  
厚度/Thickness: 0.4mm--0.7mm

#### 适用环境

坡度  $\geq 30^\circ$  的屋面、墙面  
平屋顶、圆屋顶、双曲面

#### Applicable Environment

Slope Angle  $\geq 30^\circ$  Roof or Wall  
Flat Roof, Round Roof, Hyperbolic Roof



- ① Trilok-R 平锁扣矩形板 Trilok-R Rectangle Interlocking Shingle
- ② 专用扣件 Clips
- ③ 找平钢板 Plain Steel Panel
- ④ 支撑压型钢板 Supporting Pressed Steel Panel
- ⑤ 保温棉 Insulation
- ⑥ 防水层 Waterproof Layer
- ⑦ 檩条 Purlin
- ⑧ 转接件 Vapour Barrier
- ⑨ 基层 Base Layer

·层次感强，视觉效果突出，古典风格

·安装简便，用扣件紧固在下层结构上，无需繁杂的机械安装

·几乎适合在任何形状的建筑表面安装，实现建筑设计的多样化

·适用于  $\geq 30^\circ$  坡度的屋面、墙面，通常底层支撑系统需铺设防水层

\* 3D Visual effect, fascinating appearance, classic style

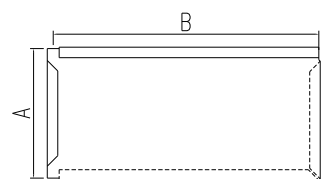
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\* Appropriate to install for the roof and wall with slope angle  $\geq 30^\circ$ , normally, the water proof layer should be laid on the underneath supporting structure

#### Trilok-R 板块选用表:

Trilok-R Panel Usage Chart:



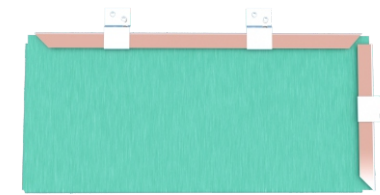
Type	Dimension mm		Coverage m <sup>2</sup>	PCS/m <sup>2</sup>	Materials
	A	B			
R1	455	955	0.43	2.4	Copper: 0.6mm-0.8mm Titanium: 0.6mm-0.8mm Aluminium: 0.6mm-0.8mm Steel: 0.4mm-0.5mm
R2	290	620	0.18	5.6	
R3	205	455	0.093	10.8	
R4	155	355	0.055	18.2	

Notes: The above is the reference, It can be customized according to the customer.

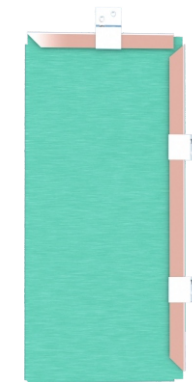
## Trilok 系统介绍 TRILOK INTERLOCKING SHINGLE SYSTEM INTRODUCTION

### Trilok-R 布置方式

Trilok -R Installation Way



Trilok-R 横式布置  
Horizontal Lying



Trilok-R 纵式布置  
Vertical Lying

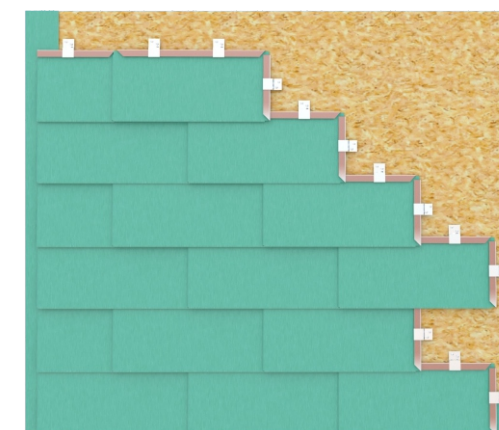
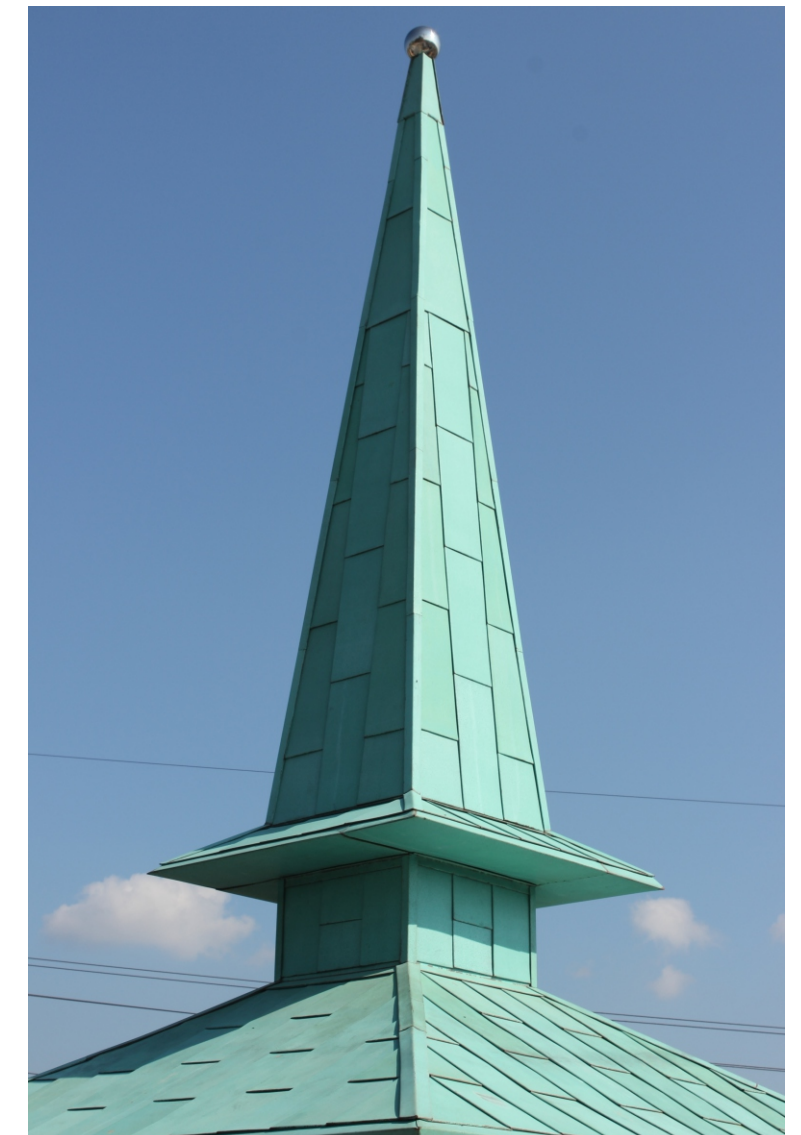
#### 专用扣件

Special Clip

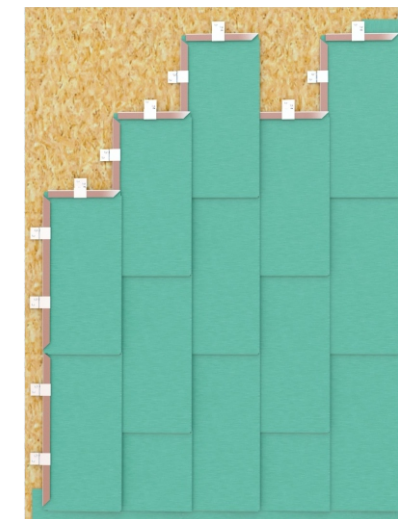


通用扣件  
General Clip

加长扣件  
Lengthen Clip

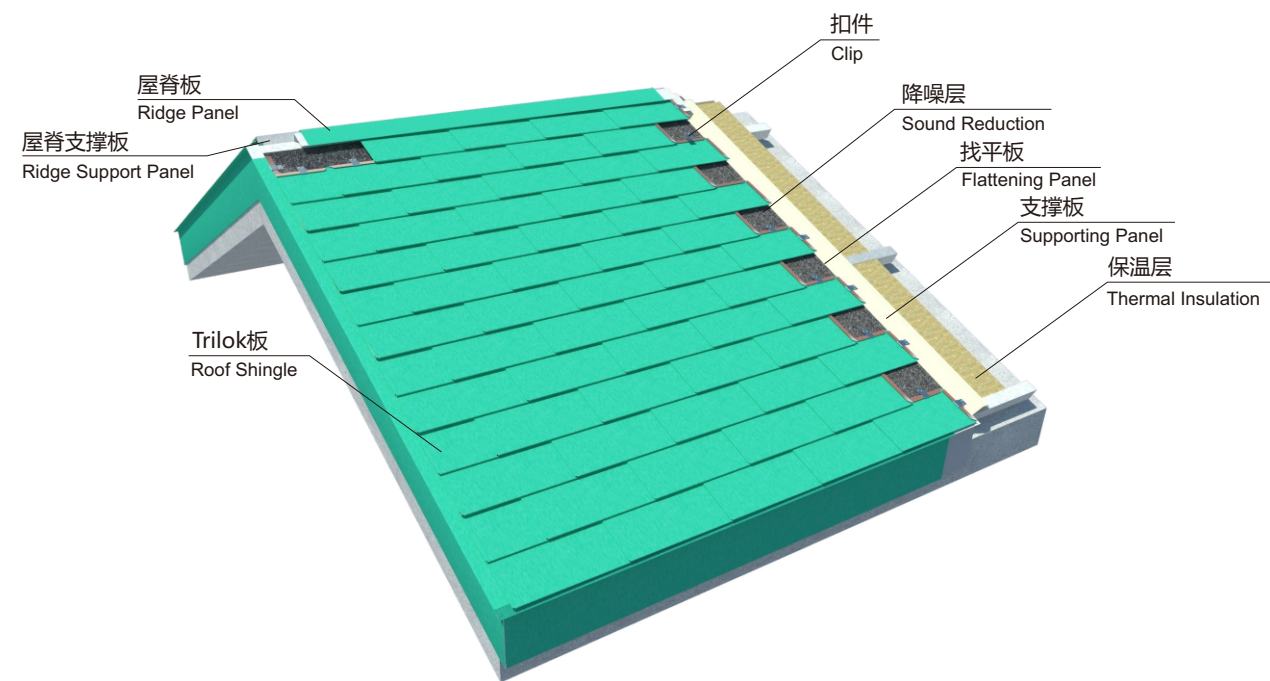


Trilok-R 1/2横式布置  
Trilok-R 1/2Horizontal Layout

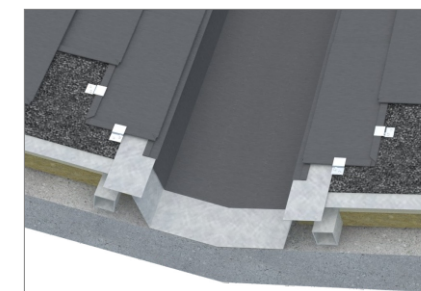
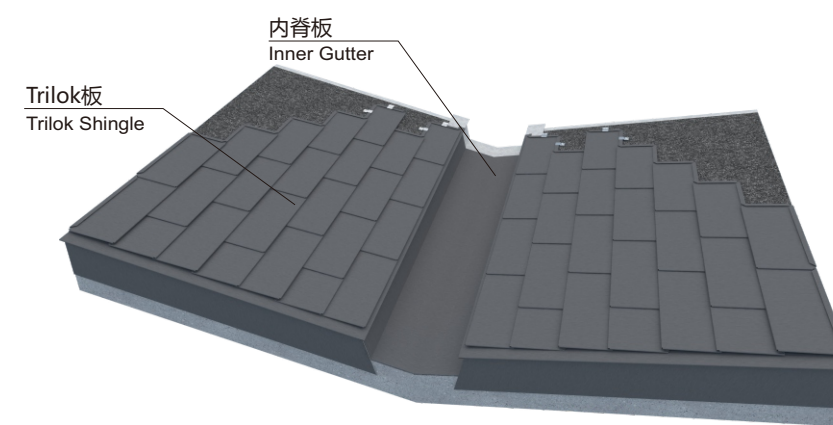
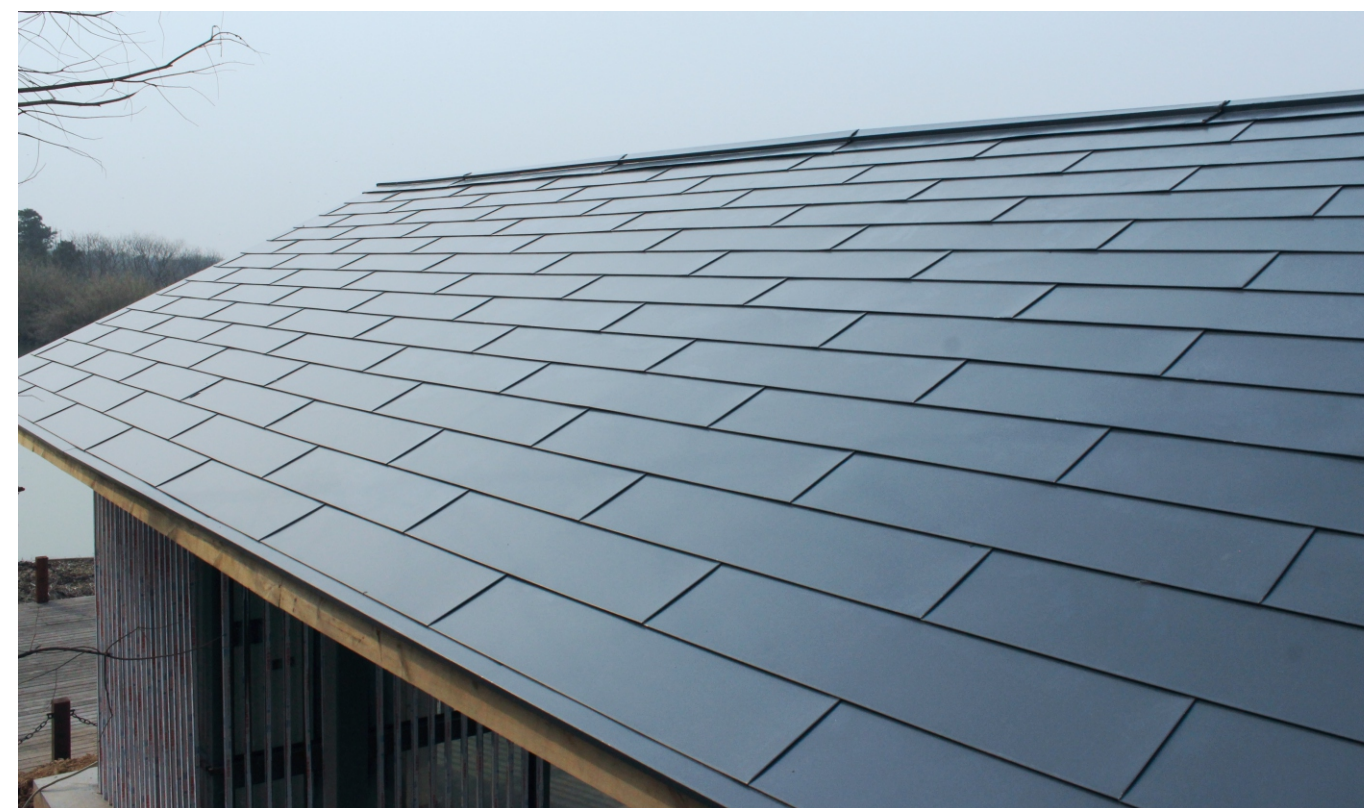


Trilok-R 1/2纵式布置  
Trilok-R 1/2 Vertical Layout





Trilok 屋脊系统构造  
Trilok Roof Ridge Construction Structure



Trilok 内天沟系统构造  
Trilok Inner Gutter Construction Structure



Trilok-D 菱形平锁扣系统

Trilok-D Diamond Interlocking Shingle System

常用材料

材料: 铜板、钛锌板、铝板、钢板  
厚度: 0.4mm--0.7mm

Common Material

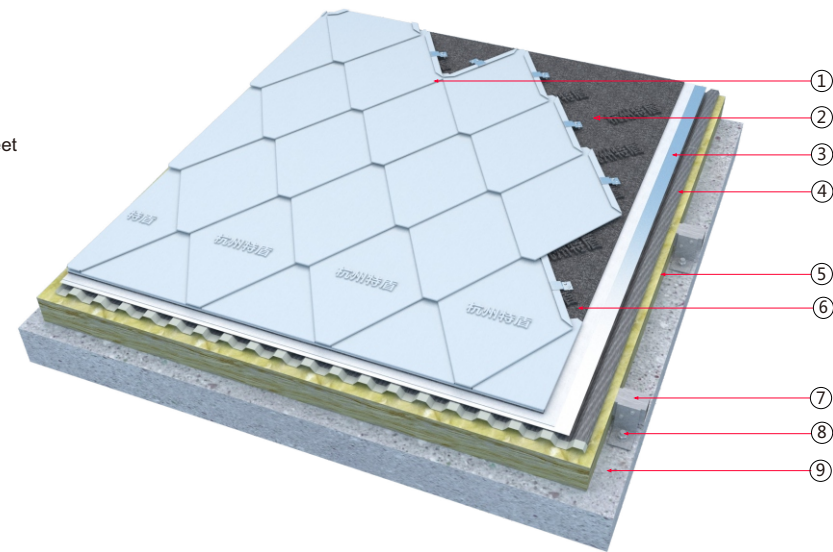
Material: Copper, Titanium Zinc, Aluminum Alloy, Steel Sheet  
Thickness: 0.4mm--0.7mm

适用环境

坡度 ≥ 30度的屋面、墙面  
平屋顶、圆屋顶、双曲面

Applicable Environment

Slope Angle ≥ 30° Roof or Wall  
Flat Roof, Round Roof, Hyperbolic Roof



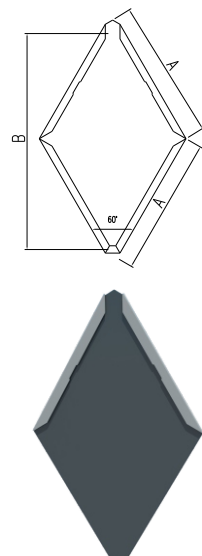
- ① Trilok-D-平锁扣菱形板 Trilok Shingle Panel
- ② 专用扣件 Clips
- ③ 找平钢板 Plain Steel Panel
- ④ 支撑压型钢板 Supporting Pressed Steel Panel
- ⑤ 保温棉 Insulation
- ⑥ 防水层 Waterproof Layer
- ⑦ 檩条 Purlin
- ⑧ 转接件 Vapour Barrier
- ⑨ 基层 Base Layer

- 层次感强，视觉效果突出，古典风格
- 安装简便，用扣件紧固在下层结构上，无需繁杂的机械安装
- 几乎适合在任何形状的建筑表面安装，实现建筑设计的多样化
- 适用于 ≥ 30°C 坡度的屋面、墙面，通常底层支撑系统需铺设防水层。

- \* 3D Visual effect, fascinating appearance, classic style
- \* Easy assembly, install on the base layer structure by clips, no need complex mechanical work
- \* Can apply to any different shape surface, offers the architecture various shapes and appearances
- \* Appropriate to install for the roof and wall with slope angle ≥ 30°, normally, the water proof layer should be laid on the underneath supporting structure

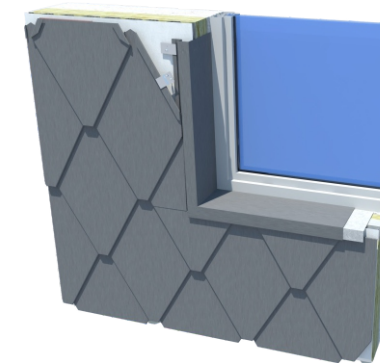
Trilok-D 板块选用表：

Trilok-D Panel Usage Chart:

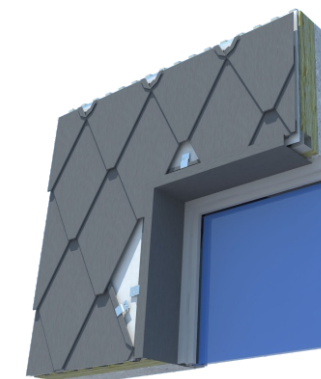


Type	Dimension mm		Coverage m <sup>2</sup>	PCS/m <sup>2</sup>	Materials
	A	B			
D <sub>1</sub>	540	920	0.24	4.2	Copper: 0.6mm-0.8mm Titanium: 0.6mm-0.8mm Aluminium: 0.6mm-0.8mm Steel: 0.4mm-0.5mm
D <sub>2</sub>	330	570	0.1	10	
D <sub>3</sub>	250	420	0.05	20	
D <sub>4</sub>	190	320	0.027	37	

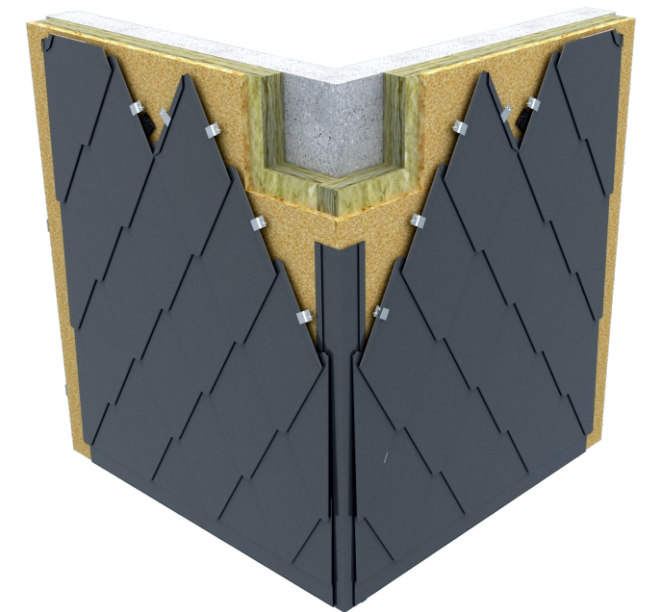
Notes: The above is the reference, It can be customized according to the customer.



Trilok-D 窗台处理  
Trilok-D Windowsill Handling



Trilok-D 窗侧处理  
Trilok-D Window Frame Handling



Trilok-D 转角处理  
Trilok-D Window Corner Handling



## Trilok 平锁扣系统 TRILOK INTERLOCKING SHINGLE

### Trilok-S 方形平锁扣系统

Trilok-S Square Interlocking Shingle System

#### 常用材料

材料: 铜板、钛锌板、铝板、钢板

厚度: 0.4mm--0.7mm

#### Common Material

Material: Copper, Titanium Zinc, Aluminum Alloy, Steel Sheet

Thickness: 0.4mm--0.7mm

#### 适用环境

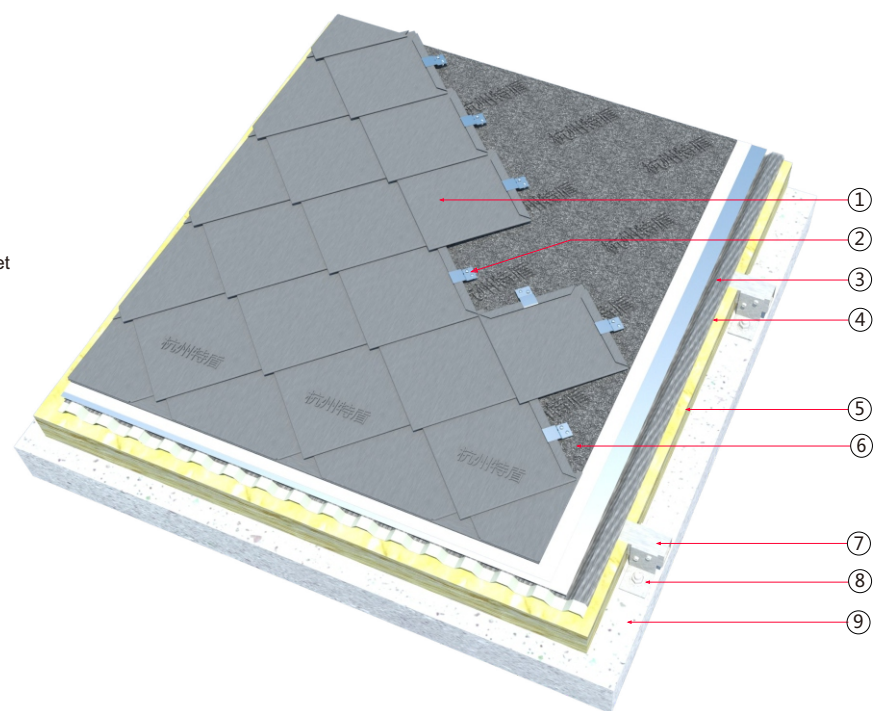
坡度≥30度的屋面、墙面

平屋顶、圆屋顶、双曲屋面

#### Applicable Environment

Slope Angle≥30° Roof or Wall

Flat Roof, Round Roof, Hyperbolic Roof



- ① Trilok-S-平锁扣菱形板 Trilok Shingle Panel
- ② 专用扣件 Clips
- ③ 找平钢板 Plain Steel Panel
- ④ 支撑压型钢板 Supporting Pressed Steel Panel
- ⑤ 保温棉 Insulation
- ⑥ 防水层 Waterproof Layer
- ⑦ 檩条 Purlin
- ⑧ 转接件 Vapour Barrier
- ⑨ 基层 Base Layer

·层次感强，视觉效果突出，古典风格

·安装简便，用扣件紧固在下层结构上，无需繁杂的机械安装

·几乎适合在任何形状的建筑表面安装，实现建筑设计的多样化

·适用于≥30°坡度的屋面、墙面，通常底层支撑系统需铺设防水层。

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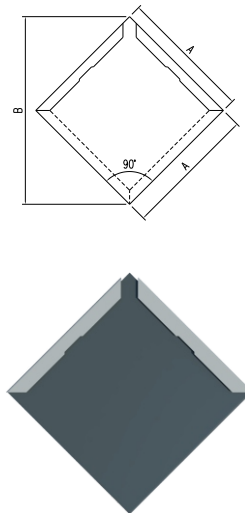
\* Easy assembly, install on the base layer structure by clips, no need complex mechanical work

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#### Trilok-S 板块选用表：

Trilok-S Panel Usage Chart:



Type	Dimension mm		Coverage m <sup>2</sup>	PCS/m <sup>2</sup>	Materials
	A	B			
S1	450	645	0.2	5	Copper: 0.6mm-0.8mm Titanium: 0.6mm-0.8mm Aluminium: 0.6mm-0.8mm Steel: 0.4mm-0.5mm
S2	300	405	0.083	12.1	
S3	220	290	0.042	23.8	
S4	170	220	0.024	41.7	

Notes: The above is the reference, It can be customized according to the customer.

## Trilok 系统介绍 TRILOK INTERLOCKING SHINGLE SYSTEM INTRODUCTION





## Trilok 平锁扣系统 TRILOK INTERLOCKING SHINGLE

### Trilok-F 鱼鳞平锁扣系统

Trilok-F Fish Scale Interlocking Shingle System

#### 常用材料

材料: 铜板、钛锌板、铝板、钢板  
厚度: 0.4mm--0.7mm

#### Common Material

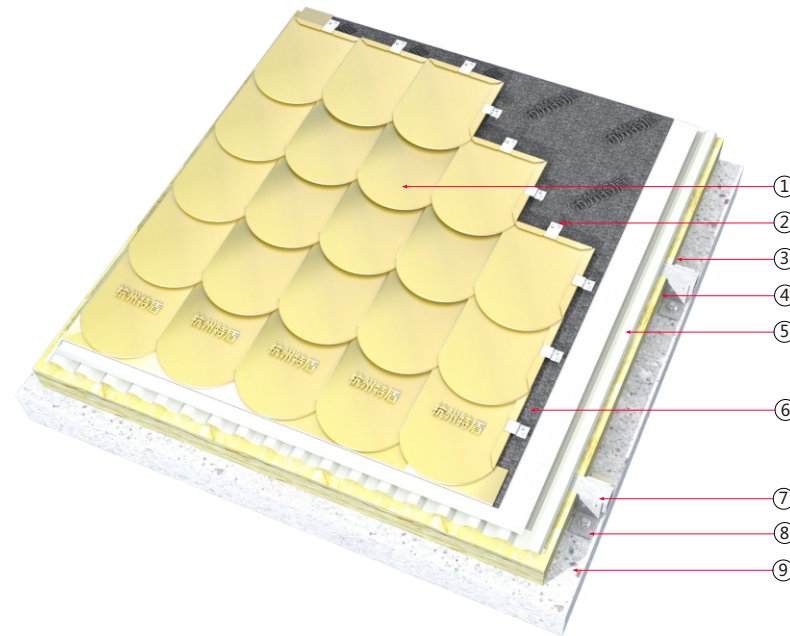
Material: Copper, Titanium Zinc, Aluminum Alloy, Steel Sheet  
Thickness: 0.4mm--0.7mm

#### 适用环境

坡度≥30度的屋面、墙面  
平屋顶、圆屋顶、双曲面

#### Applicable Environment

Slope Angle≥30° Roof or Wall  
Flat Roof, Round Roof, Hyperbolic Roof



- ① Trilok-F-鱼鳞平锁扣 Fish Scale Interlocking Shingle
- ② 专用扣件 Clips
- ③ 找平钢板 Plain Steel Panel
- ④ 支撑压型钢板 Supporting Pressed Steel Panel
- ⑤ 保温棉 Insulation
- ⑥ 防水层 Waterproof Layer
- ⑦ 檩条 Purlin
- ⑧ 转接件 Vapour Barrier
- ⑨ 基层 Base Layer

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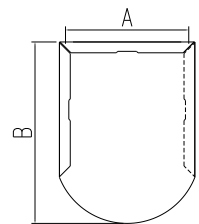
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#### Trilok-F 板块选用表：

Trilok-F Panel Usage Chart:



Type	Dimension mm		Coverage m <sup>2</sup>	PCS/m <sup>2</sup>	Materials
	A	B			
F <sub>1</sub>	290	400	0.083	12.1	Copper: 0.6mm-0.8mm Titanium: 0.6mm-0.8mm Aluminium: 0.6mm-0.8mm Steel: 0.4mm-0.5mm
F <sub>2</sub>	205	290	0.041	24.4	
F <sub>3</sub>	155	230	0.024	41.7	
F <sub>4</sub>	120	190	0.015	66.7	

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## Trilok 系统介绍 TRILOK INTERLOCKING SHINGLE SYSTEM INTRODUCTION

### Trilok-H 六边形平锁扣系统

Trilok-Hexagon Interlocking Shingle System

#### 常用材料

材料: 铜板、钛锌板、铝板、钢板  
厚度: 0.4mm--0.7mm

#### Common Material

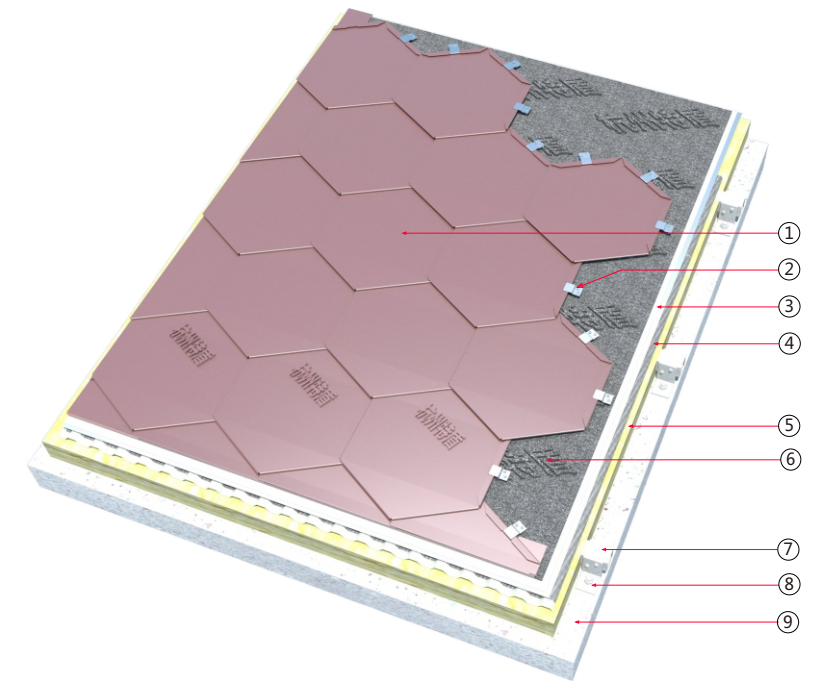
Material: Copper Titanium Zinc, Aluminum Alloy, Steel Sheet  
Thickness: 0.4mm--0.7mm

#### 适用环境

坡度≥30度的屋面、墙面  
平屋顶、圆屋顶、双曲面

#### Applicable Environment

Slope Angle≥30° Roof or Wall  
Flat Roof, Round Roof, Hyperbolic Roof



- ① Trilok-H-鱼鳞平锁扣 Hexagon Interlocking Shingle
- ② 专用扣件 Clips
- ③ 找平钢板 Plain Steel Panel
- ④ 支撑压型钢板 Supporting Pressed Steel Panel
- ⑤ 保温棉 Insulation
- ⑥ 防水层 Waterproof Layer
- ⑦ 檩条 Purlin
- ⑧ 转接件 Vapour Barrier
- ⑨ 基层 Base Layer

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·适用于≥30°C坡度的屋面、墙面，通常底层支撑系统需铺设防水层。

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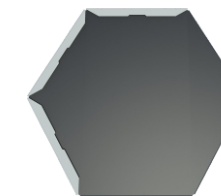
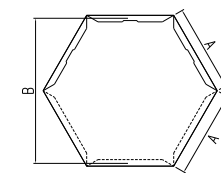
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#### Trilok-H 板块选用表：

Trilok-H Panel Usage Chart:



Type	Dimension mm		Coverage m <sup>2</sup>	PCS/m <sup>2</sup>	Materials
	A	B			
H <sub>1</sub>	265	455	0.18	5.6	Copper: 0.6mm-0.8mm Titanium: 0.6mm-0.8mm Aluminium: 0.6mm-0.8mm Steel: 0.4mm-0.5mm
H <sub>2</sub>	190	330	0.095	10.6	
H <sub>3</sub>	130	220	0.042	23.8	
H <sub>4</sub>	100	170	0.025	40	

Notes: The above is the reference, It can be customized according to the customer.